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Query sequence being compared:US-10-633-008-32 (1-399)

Number of Sequences Searched: 3

Number of scores above cutoff: 3

Results file seq32_seq2-seq33-seq34.res made by jdelaval on Tue 3 May 105 5:54:17-PST.

1. US-10-633-008-32 (1-399)
 Sequence 2, Application US/10633008
 GENERAL INFORMATION
 APPLICANT: Ashkenai, Avi J.
 APPLICANT: Fong, Sherman
 APPLICANT: Goddard, Audrey
 APPLICANT: Gurney, Austin L.
 APPLICANT: Napier, Mary A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Van Lockeren, Memno
 APPLICANT: Wood, William I.

APPLICANT: Gurney, Austin L.

APPLICANT: Napier, Mary A.

APPLICANT: Tumas, Daniel

APPLICANT: Van Lockeren, Memno

APPLICANT: Wood, William I.

APPLICANT: Gurney, Austin L.

APPLICANT: Napier, Mary A.

APPLICANT: Tumas, Daniel

APPLICANT: Van Lockeren, Memno

APPLICANT: Wood, William I.

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APPLICANT: Tumas, Daniel

APPLICANT: Van Lockeren, Memno

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APPLICANT: Van Lockeren, Memno

APPLICANT: Wood, William I.

APPLICANT: Gurney, Austin L.

APPLICANT: Napier, Mary A.

APPLICANT: Tumas, Daniel

APPLICANT: Van Lockeren, Memno

APPLICANT: Wood, William I.

APPLICANT: Gurney, Austin L.

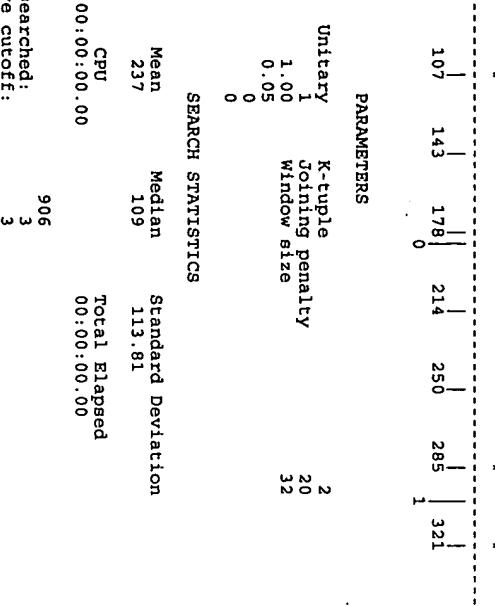
APPLICANT: Napier, Mary A.

APPLICANT: Tumas, Daniel

APPLICANT: Van Lockeren, Memno

APPLICANT: Wood, William I.

APPLICANT: Gurney, Austin L.



PARAMETERS

Similarity matrix: Unitary
 Mismatch penalty: 1.00
 Gap penalty: 1.00
 Gap size penalty: 0.05
 Cutoff score: 0
 Randomization group: 0

SEARCH STATISTICS

Scored: 906
 Mean: 237
 Median: 109
 Standard Deviation: 113.81
 Total Elapsed: 00:00:00.00

Number of residues: 906
 Number of sequences searched: 3
 Number of scores above cutoff: 3

The scores below are sorted by initial score.
 Significance is calculated based on initial score.

A 100% identical sequence to the query sequence was not found.

The list of best scores is:

2. US-10-633-008-32 (1-399)
US-10-633-008-33 Sequence 33, Application US/10633008
Sequence 33, Application US/10633008
GENERAL INFORMATION:
APPLICANT: Askkenazi, Avi J.
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Napier, Mary A.
APPLICANT: Tumas, Daniel
APPLICANT: Van Lookren, Menno
TITLE OF INVENTION: USE OF A33 ANTIGENS AND JAM-IT
FILE REFERENCE: 39166/0100P1
CURRENT APPLICATION NUMBER: US/10/633,008
CURRENT FILING DATE: 2003-07-31
PRIOR APPLICATION NUMBER: US/10/265,542
PRIOR FILING DATE: 2003-10-03
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: US/09/254,465
PRIOR FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US99/05028
PRIOR FILING DATE: 1999-03-08
NUMBER OF SEQ ID NOS: 36
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 33
LENGTH: 305
TYPE: PRT
ORGANISM: Homo sapiens

Initial Score = 284 Optimized Score = 193 Significance = 0.41
Residue Identity = 62% Matches = 204 Mismatches = 89
Gaps = 36 Conservative Substitutions = 0

MCILGLGULLGLHTVDTYGRPILEVPESVIGPKGDVNLPCYDLOGYTQVLVKNLVLQRGSSDPVTIFLRDS
X 10 20 30 40 50 60 70
SGDHQOAKYQQLRHLVSHKVPGDVSLQSTLEMDPDKHRYTEV-TWQTPDQMVVRDKIT-ELRVQKLVS
MCIL-----LGLLGLLHTVDTYGRPILEVPESVIGPKGDVNLPCYDLOGYTQVLVKNLVLQRGSSDPVTIFLRDS
X 10 20 30 40 50

150 160 170 180 190 200
KEFVTVGSGYKPTVPOQMRISQOCQSPPISYWIKQQTINQEPKV-...-ATLSTLFLKPAVIADSS
KMLVQGDS-----DPVTEI-----RDSSDHQOAKYQQLRHLVSHKVPGDVSLQSTL-----EMDPDKH
X 60 70 80 90 100 110 120 130 140
150 160 170 180 190 200
SGDHQOAKYQQLRHLVSHKVPGDVSLQSTLEMDPDKHRYTEV-TWQTPDQMVVRDKIT-ELRVQKLVS
TGDHQOAKYQQLRHLVSHKVPGDVSLQSTLEMDPDKHRYTEV-TWQTPDQMVVRDKIT-ELRVQKLVS
X 80 90 100 110 120 130 140
140 150 160 170 180 190 200
-----LSVSKPTVTVGSGYKPTVPOQMRISQOCQSPPISYWIKQQTINQEPKV-...-ATLSTLFLKPAVI
TEAPPTISSLRATTMISLDLPTG-----TQKLETTAGSGRNLPFAITIIFISLCCIVAVITIPVIL
YTCVBTWQTPGQNVQVRDKITELRVQKLKTKTEAPTTMYPKATSTVKQSDWTRMDGVLGESA
X 150 160 170 180 190 200 210 220 230
210 220 230 240 250 260 270 280 290
ADSGSYFTAKQGQVGSSEQHSPIVKVQKDSKLLKTKTEAPTTMYPKAT-STVKQSDWTRMDGVLGESA
-----RQFQEVIVGVS--RVFARTS-----NSBTIRVT-TATDEPSQALISDSDPCLSQB

3. US-10-633-008-32 (1-399)
US-10-633-008-34 Sequence 34, Application US/10633008
Sequence 34, Application US/10633008
GENERAL INFORMATION:
APPLICANT: Askkenazi, Avi J.
APPLICANT: Goddard, Audrey
APPLICANT: Fong, Sherman
APPLICANT: Gurney, Austin L.
APPLICANT: Napier, Mary A.
APPLICANT: Tumas, Daniel
APPLICANT: Van Lookren, Menno
APPLICANT: Wood, William I.
TITLE OF INVENTION: USE OF A33 ANTIGENS AND JAM-IT
FILE REFERENCE: 39767/0100P1
CURRENT APPLICATION NUMBER: US/10/633,008
CURRENT FILING DATE: 2003-07-31
PRIOR APPLICATION NUMBER: US/10/265,542
PRIOR FILING DATE: 2003-10-03
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: US/09/254,465
PRIOR FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US99/05028
PRIOR FILING DATE: 1999-03-08
NUMBER OF SEQ ID NOS: 36
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 34
LENGTH: 280
TYPE: PRT
ORGANISM: Mus musculus

Initial Score = 108 Optimized Score = 128 Significance = -1.13
Residue Identity = 44% Matches = 137 Mismatches = 129
Gaps = 42 Conservative Substitutions = 0

X 10 20 30 40 50 60 70
MCILGLGULLGLHTVDTYGRPILEVPESVIGPKGDVNLPCYDLOGYTQVLVKNLVLQRGSSDPVTIFLRDS
X 10 20 30 40 50 60 70
SGDHQOAKYQQLRHLVSHKVPGDVSLQSTLEMDPDKHRYTEV-TWQTPDQMVVRDKIT-ELRVQKLVS
MEISSGLFLGLLHTVDTYGRPILEVPESVIGPKGDVNLPCYDLOGYTQVLVKNLVLQRGSSDPVTIFLRDS
X 10 20 30 40 50 60 70
140 150 160 170 180 190 200
-----LSVSKPTVTVGSGYKPTVPOQMRISQOCQSPPISYWIKQQTINQEPKV-...-ATLSTLFLKPAVI
TEAPPTISSLRATTMISLDLPTG-----TQKLETTAGSGRNLPFAITIIFISLCCIVAVITIPVIL
YTCVBTWQTPGQNVQVRDKITELRVQKLKTKTEAPTTMYPKAT-STVKQSDWTRMDGVLGESA
X 150 160 170 180 190 200 210 220 230
210 220 230 240 250 260 270 280 290
ADSGSYFTAKQGQVGSSEQHSPIVKVQKDSKLLKTKTEAPTTMYPKAT-STVKQSDWTRMDGVLGESA
-----RQFQEVIVGVS--RVFARTS-----NSBTIRVT-TATDEPSQALISDSDPCLSQB

220	230	240	250	260
280	290	X	300	310
SAGPGKSLPVRPAVILILISLCMVVFPMAYIMLCKTSQEHVYEAHAREANDGETMRYAIFASGSSD	320	330	340	
YQITIR-----TMSIPAC	270	280		
350	360	370	380	390
RPTSQNLGNVYSDEPICIGQEVQIAQINGNYARLDTVPLDVEFLATEGKSVC				

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SEQUENCE 32, APPLICATION US/10633008
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Fong, Sherman
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Napier, Mary A.
APPLICANT: Tumas, Daniel
APPLICANT: Van Lookren, Menno
APPLICANT: Wood, William T.
TITLE OF INVENTION: USE OF A33 ANTIGENS AND JAM-IT
FILE REFERENCE: 39766/0100P1
CURRENT APPLICATION NUMBER: US/10/633,008
CURRENT FILING DATE: 2003-07-31
PRIOR APPLICATION NUMBER: US/10/265,542
PRIOR FILING DATE: 2002-10-03
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: US/09/254,465
PRIOR FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US99/05028
PRIOR FILING DATE: 1999-03-08
NUMBER OF SEQ ID NOS: 36
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 3
LENGTH: 399
TYPE: PRT
ORGANISM: Homo sapiens
US-10-633-008-32
MGIIGLGLLGLLGHFTVDTYGRITLEVPEVSGPWPKGSIDVNLRCTYDPIQGYTQVLVKKLVORGSDPVTIFLR
DSSGPHIQQKYGQHVVHVKPGVSQLOSTLEMDRSIYTCVETWQDGNQYRDKITTELRYVQKLSV
SKPTVTTGSGIGFTVQGRMRSLOQCCARGSPPISTVWYQQTNNBEPKIALTSLFLKAVIASSGSYF
CTAKGQVGSIQHSDFIVKFVWVDSKLLKTKBAPTWTYKATSTVKQWDWTTIDMD3TGESETSGPQK
SLPVPAUILLTISLQMVWTFMAYIMCRKQSQQETVYEARAHABDGETMRWAIPIASGCCSDEPTS
ONLGNNYSDEPCIGQBYQIAQINGMYARLUDTVPLDYFATEGKSVCI

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; Sequence 2, Application US/10633008
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Napier, Mary A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Van Lookren, Menno
; TITLE OF INVENTION: USE OF A33 ANTIGENS AND JAM-IT
; FILE REFERENCE: 39766/0100P1
; CURRENT APPLICATION NUMBER: US/10/633, 008
; CURRENT FILING DATE: 2003-07-31
; PRIOR APPLICATION NUMBER: US/10/265, 542
; PRIOR FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US/09/254, 465
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US99/05028
; PRIOR FILING DATE: 1999-03-08
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 321
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-633-008-2
MGIUQGILLLGHLTUTDYGRLPEVESVTCPWKGDVNLRCTYDPLQGYTQVLVKKLWORGSDPVTIFLR
DSSGDHIIQAKXQGRHLAVSKRVDLSQSLQSTLMDRSHTCETVWQTDPGNOVVRDKITELRQKLSV
SKPTVTGSGGKPTVQGMRISLQCCARGSPISYWKQQTNNQPIKVALSTLFLKPAVIAUDGSYF
CTAKGQVGSQHSRDTKFWVQKDDSSKLUKTKEAPTTMYPKATSTVKQSDWTTMDGYLGETSAGPGK
SLPVVFAILIIISLCCMVVPTMAYIMLCKTSQEHVYEAR1

; Sequence 33, Application US/10633008
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Napier, Mary A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Van Lookren, Menno
; TITLE OF INVENTION: USE OF A33 ANTIGENS AND JAM-IT
; FILE REFERENCE: 39766/0100P1
; CURRENT APPLICATION NUMBER: US/10/633, 008
; CURRENT FILING DATE: 2003-07-31
; PRIOR APPLICATION NUMBER: US/10/265, 542
; PRIOR FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US/09/254, 465
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US99/05028
; PRIOR FILING DATE: 1999-03-08
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 33
; LENGTH: 305
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-633-008-33
MGIUQGILLLGHLTUTDYGRLPEVESVTCPWKGDVNLRCTYDPLQGYTQVLVKKLWORGSDPVTIFLR
DSSGDHIIQAKXQGRHLAVSKRVDLSQSLQSTLMDRSHTCETVWQTDPGNOVVRDKITELRQKLSV
SKPTVTGSGGKPTVQGMRISLQCCARGSPISYWKQQTNNQPIKVALSTLFLKPAVIAUDGSYF
KLUKTKEAPTTMYPKATSTVKQSDWTTMDGYLGETSAGPGK
MLCKTSQEHVYEARAHARABANDSGETKRVIAFASGCCSDEPTSQNLGNYSDEPCIGQBYQINQIN
GNYARLUDTVPLDVEFLATEGKSVI

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; Sequence 34, Application US/10633008
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Napier, Mary A.
; APPLICANT: Rumaes, Daniel
; APPLICANT: Wood, William T.
; TITLE OF INVENTION: USE OF A33 ANTIGENS AND JAM-IT
; FILE REFERENCE: 39765/0100P1
; CURRENT APPLICATION NUMBER: US/10633,008
; CURRENT FILING DATE: 2003-07-31
; PRIOR APPLICATION NUMBER: US/10/265,542
; PRIOR FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US/09/254,465
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US99/05028
; PRIOR FILING DATE: 1999-03-08
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 34
; LENGTH: 280
; TYPE: PRT
; ORGANISM: Mus musculus
; US-10-633-008-34
; MESSGILFLGHILTYMTYGHETKPEPESVGTWKGIDPKVIOCYIDPRGRYRQVLVLRHGSDSVTIFLR
; DSTGPHIQAQXRGKVKVSHKPGVSLQINTLQMDRHNHCTCWTQDGNQVIRDKTIELRKYNP
; PRINFEAPTIIHSSLEATTINSTSISDITNGKQKETIAOSGRNPPIFAIIFIISUCCIVAVTIVYLFW
; CRRTFOQEVYVGSRVARKTSNSEPTTRVTTIATDEPDSDALISDSDPCLSOBYQITIRSTMSIACI